| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|--------|--|---|---------------------|---------|------------------|
| L6 | 10 | L5 AND L4 | US-PGPUB; USPAT | OR | OFF | 2005/10/25 15:36 |
| L5 | 6462 | ((438/745,746,753,754,756,757) or (216/83,87,94,96,99,100-108)). CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/10/25 15:35 |
| L4 | 145 | L3 AND ((liquid\$4 OR wet\$4 OR acid\$4) NEAR20 etch\$4 NEAR20 (infra\$1red\$4 OR radiat\$4)) | US-PGPUB; USPAT | OR | OFF | 2005/10/25 15:35 |
| L3 | 3833 | L1 AND ((liquid\$4 OR wet\$4 OR acid\$4) NEAR20 etch\$4) AND ((infra\$1red\$4 OR radiat\$4) NEAR20 heat\$4) | US-PGPUB; USPAT | OR | OFF | 2005/10/25 15:35 |
| L2 | 0 | L1 AND ((liquid\$4 OR wet\$4 OR acid\$4) NEAR20 etch\$4) AND ((infra\$1red\$4 OR radiat\$4) NEAR20 heat\$4) | EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/25 15:35 |
| S79 | 3833 | S75 AND ((liquid\$4 OR wet\$4 OR acid\$4) NEAR20 etch\$4) AND ((infra\$1red\$4 OR radiat\$4) NEAR20 heat\$4) | US-PGPUB; USPAT | OR | OFF | 2005/10/25 15:34 |
| L1 | 168990 | (wafer\$4 OR substrate\$4) NEAR20 (clean\$4 OR etch\$) | US-PGPUB; USPAT | OR | OFF | 2005/10/25 15:34 |
| S84 | 6462 | ((438/745,746,753,754,756,757) or (216/83,87,94,96,99,100-108)). CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/10/25 13:41 |
| S12 | 66 | (liquid\$4 ADJ etch\$4) AND (infra\$1red\$4 WITH heat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/25 11:38 |
| S81 | 14 | S80 AND ((liquid\$4 OR wet\$4 OR acid\$4) NEAR20 (infra\$1red\$4 OR radiat\$4) NEAR20 absorb\$4) | US-PGPUB; USPAT | OR | OFF | 2005/10/25 09:49 |
| S80 | 145 | S79 AND ((liquid\$4 OR wet\$4 OR acid\$4) NEAR20 etch\$4 NEAR20 (infra\$1red\$4 OR radiat\$4)) | US-PGPUB; USPAT | OR | OFF | 2005/10/25 09:47 |
| S16 | 1246 | ((liquid\$4 OR wet\$4) WITH etch\$4) AND (infra\$1red\$4 WITH heat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/25 08:59 |
| S75 | 168990 | (wafer\$4 OR substrate\$4) NEAR20 (clean\$4 OR etch\$) | US-PGPUB; USPAT | OR | OFF | 2005/10/25 08:58 |

| S50 | 31536 | (semi\$1conduct\$4 WITH wafer\$4) WITH (clean\$4 OR etch\$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/25 08:57 |
|-----|---------|---|---|------|-----|------------------|
| S74 | 0 | S73 AND ((liquid\$4 OR fluid\$4) WITH (tank\$4 OR bath\$4 OR chamber\$4) WITH quartz\$4 WITH polymer\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 15:02 |
| S73 | _ 24508 | S72 AND (wet\$4 WITH (clean\$4 OR etch\$)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 15:02 |
| S72 | 146525 | (semi\$1conduct\$4) WITH (clean\$4 OR etch\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 15:02 |
| S66 | 45 | S56 AND ((liquid\$4 OR fluid\$4) WITH (tank\$4 OR bath\$4 OR chamber\$4) WITH quartz\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 15:02 |
| S71 | 19 | S56 AND (infra\$1red\$4 WITH heat\$4 WITH (liquid\$4 OR fluid\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 12:28 |
| S67 | 7 | S66 AND (infra\$1red\$4 WITH heat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR . | OFF | 2005/04/25 12:26 |
| S70 | 1 | ("6399517").URPN. | USPAT | OR | OFF | 2005/04/25 12:14 |
| S69 | 2 | ("6022052").URPN. | USPAT | OR | OFF | 2005/04/25 12:07 |
| S68 | 42 | S66 AND heat\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 11:45 |

| S58 | 92 | S57 AND (infra\$1red\$4 WITH heat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 11:43 |
|-----|------|---|---|----|-----|------------------|
| S57 | 1870 | S56 AND ((liquid\$4 OR fluid\$4) WITH (tank\$4 OR bath\$4 OR chamber\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 11:39 |
| S65 | 3 | (("4,960,141") or ("4,643,774") or ("4,714,086")).PN. | USPAT; USOCR | OR | OFF | 2005/04/25 11:16 |
| S64 | 1 | ("5176756").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/25 11:16 |
| S63 | 102 | S61 AND ((liquid\$4 OR fluid\$4) WITH heat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 10:46 |
| S62 | 76 | S61 AND (infra\$1red\$4 WITH heat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 10:45 |
| S61 | 171 | S60 AND (infra\$1red\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 10:36 |
| S60 | 926 | S57 AND (temperature\$4 WITH (control\$4 OR maintain\$4 OR adjust\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 10:34 |
| S54 | 44 | S53 AND (temperature\$4 WITH (control\$4 OR maintain\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 10:33 |

| S59 | 57 | S58 AND (polymer\$4 OR fluoro\$1polymer\$4 OR fluoro\$1carbon\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 10:31 |
|-----|--------|---|---|----|-----|------------------|
| S53 | 58 | S52 AND (polymer\$4 OR fluoro\$1polymer\$4 OR fluoro\$1carbon\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 10:30 |
| S52 | 143 | S51 AND (infra\$1red\$4 WITH heat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 10:30 |
| S56 | 24508 | S55 AND (wet\$4 WITH (clean\$4 OR etch\$)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 10:28 |
| S51 | 5236 | S50 AND (wet\$4 WITH (clean\$4 OR etch\$)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 10:28 |
| S55 | 146525 | (semi\$1conduct\$4) WITH (clean\$4 OR etch\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 10:27 |
| S31 | 52 | S30 AND (temperature\$4 WITH (control\$4 OR maintain\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 10:17 |
| S43 | 0 | S42 AND (polymer\$4 OR fluoro\$1polymer\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 10:15 |

| S28 | 232 | (etch\$4 WITH bath\$4) AND (infra\$1red\$4 WITH heat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 10:11 |
|-----|-----|--|---|----|-----|------------------|
| S49 | 3 | ("6192902").URPN. | USPAT | OR | OFF | 2005/04/25 10:09 |
| S48 | · 3 | ("6192902").URPN. | USPAT | OR | OFF | 2005/04/25 10:02 |
| S46 | 160 | semi\$1condut\$4 AND (clean\$4 OR etch\$4) WITH (liquid\$4 OR fluid\$4 OR solution\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 09:56 |
| S45 | 51 | semi\$1condut\$4 AND (clean\$4 OR etch\$4) WITH (liquid\$4 OR fluid\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 09:56 |
| S47 | 3 | S46 AND (infra\$1red\$4 WITH heat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 09:55 |
| S44 | 2 | semi\$1condut\$4 WITH (clean\$4 OR etch\$4) WITH (liquid\$4 OR fluid\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 09:54 |
| S42 | 13 | ("5567244").URPN. | USPAT | OR | OFF | 2005/04/25 09:49 |
| S23 | 491 | S21 AND (polymer\$4 OR fluoro\$1polymer\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 09:49 |
| S41 | 124 | S40 AND (polymer\$4 OR fluoro\$1polymer\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 09:45 |
| S40 | 191 | S39 AND semi\$1conduct\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 09:44 |

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|-----|-----|--|---|----|-----|------------------|
| S29 | 111 | S28 AND semi\$1conduct\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 09:44 |
| S39 | 583 | ((etch\$4 OR clean\$4) WITH bath\$4) AND (infra\$1red\$4 WITH heat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ÖR | OFF | 2005/04/25 09:43 |
| S38 | 29 | S37 AND infra\$1red\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 09:42 |
| S37 | 190 | S36 AND ((wet\$4 OR liquid\$4) WITH etch\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 09:41 |
| S36 | 190 | S35 AND (temperature\$4 WITH (control\$4 OR maintain\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 09:40 |
| S35 | 293 | S34 AND (polymer\$4 OR fluoro\$1polymer\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 09:37 |
| S20 | 206 | S18 AND (temperature\$4 WITH (control\$4 OR maintain\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 09:37 |
| S15 | 30 | S14 AND (polymer\$4 OR fluoro\$1polymer\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 09:37 |

| S34 | 768 | S33 AND semi\$1conduct\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 09:36 |
|-----|------|--|---|------|-----|------------------|
| S14 | 41 | S12 AND semi\$1conduct\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 09:36 |
| S33 | 1092 | ((liquid\$4 OR wet\$4) WITH etch\$4 WITH chamber\$4) AND heat\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR . | OFF | 2005/04/25 09:35 |
| S32 | 41 | ((liquid\$4 OR wet\$4) WITH etch\$4 WITH chamber\$4) AND (infra\$1red\$4 WITH heat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 09:35 |
| S30 | 81 | S29 AND (polymer\$4 OR fluoro\$1polymer\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 09:28 |
| S19 | 463 | S17 AND (temperature\$4 WITH (control\$4 OR maintain\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 09:28 |
| S18 | 478 | S17 AND (polymer\$4 OR fluoro\$1polymer\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 09:28 |
| S27 | 46 | ("5232511").URPN. | USPAT | OR | OFF | 2005/04/25 09:10 |
| S26 | 13 | ("5762755").URPN. | USPAT | OR | OFF | 2005/04/25 08:48 |
| S25 | 23 | S24 AND (fluoro\$1polymer\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 08:45 |

| S24 | 206 | S23 AND (temperature\$4 WITH (control\$4 OR maintain\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 08:44 |
|-----------|------|---|---|----|-----|------------------|
| S22 | 31 | S21 AND (fluoro\$1polymer\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 08:44 |
| S21 | 1048 | ((fluid\$4 OR liquid\$4 OR wet\$4) WITH etch\$4) AND (infra\$1red\$4 WITH heat\$4) AND semi\$1conduct\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 08:42 |
| S9 | 92 | S7 AND (temperature\$4 WITH (control\$4 OR maintain\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 08:23 |
| S17 | 1003 | S16 AND semi\$1conduct\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 08:22 |
| S13 | 41 | S12 AND semi\$1conduct\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 08:22 |
| S7 | 193 | S5 AND (polymer\$4 OR fluoro\$1polymer\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 08:21 |
| S4 | 511 | (liquid\$4 WITH etch\$4) AND (infra\$1red\$4 WITH heat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 08:18 |

| S11 | 1 | S10 AND (etch\$4 WITH (analyz\$4 OR analys\$4) WITH chemical\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/23 18:31 |
|------------|-----|--|---|----|-----|------------------|
| S10 | 38 | S9 AND (semi\$1conduct\$4 WITH etch\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/23 18:30 |
| S8 | 190 | S7 AND temperature\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/23 18:27 |
| S6 | 187 | S5 AND polymer\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/23 18:26 |
| S 5 | 354 | S4 AND semi\$1conduct\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/23 18:25 |
| S2 | 26 | (("4,839,005") or ("5,196,353") or ("5,621,847") or ("5,658,183") or ("5,762,537") or ("5,807,165") or ("5,842,909") or ("5,893,754") or ("5,957,750") or ("5,980,363") or ("5,981,396") or ("6,066,030") or ("6,117,781") or ("6,143,155") or ("6,176,992") or ("6,187,681") or ("6,218,309") or ("6,287,974") or ("6,312,558") or ("6,368,190") or ("6,375,548") or ("6,451,714") or ("6,455,370") or ("20020160606") or ("20030060030") or ("20030057106")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/23 18:23 |
| S3 | 13 | (("3,909,598") or ("4,438,500") or ("4,565,669") or ("4,566,312") or ("4,566,804") or ("4,651,285") or ("4,736,083") or ("4,877,624") or ("5,215,715") or ("5,647,976") or ("5,796,080") or ("5,948,307") or ("6,346,418")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/23 17:15 |

| S1 | 23 | (("4,839,005") or ("5,196,353") or ("5,621,847") or ("5,658,183") or ("5,762,537") or ("5,807,165") or ("5,842,909") or ("5,893,754") or ("5,957,750") or ("5,980,363") or ("5,981,396") or ("6,143,155") or ("6,117,781") or ("6,143,155") or ("6,176,992") or ("6,187,681") or ("6,218,309") or ("6,287,974") or ("6,312,558") or ("6,368,190") or ("6,375,548") or ("6,451,714") or ("6,455,370")).PN. or ((2002/0160606) or (2003/0060030) or (2003/0057106)).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/23 16:55 | |
|----|----|---|------------------------------|----|-----|------------------|--|
|----|----|---|------------------------------|----|-----|------------------|--|